

*Federated Malay States.*

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THE MEDICAL REPORT

FOR THE

STATE OF PAHANG,

1905.

RETURN OF THE STATISTICS OF POPULATION OF PAHANG  
FOR THE YEAR 1905.

| State of Pahang.               | Europeans. | Eurasians. | Chinese.   | Malays. | Tamils. | Others. | Total. |
|--------------------------------|------------|------------|------------|---------|---------|---------|--------|
| Number of inhabitants in 1904* | 134        | 46         | 8,695      | 73,462  | 1,227   | 549     | 84,113 |
| „ Births during the year 1905  | 2          | 2          | 54         | 1,922   | 9       | 8       | 1,997  |
| „ Deaths „ 1905                | 1          | 1          | 946        | 1,287   | 89      | 13      | 2,337  |
| „ Immigrants „ 1905            |            |            | No records |         |         |         |        |
| „ Emigrants „ 1905             |            |            | No records |         |         |         |        |
| „ Inhabitants in 1905 ...      |            |            | No records |         |         |         |        |
| Increase, or ... ..            |            |            |            |         |         |         |        |
| Decrease ... ..                |            |            |            |         |         |         |        |

\* Census of 1901.

METEOROLOGICAL RETURN OF KUALA LIPIS FOR THE YEAR 1905.

|                  | Temperature.   |                   |               |                |        |       | Rainfall.         |                     | Winds.             |                |
|------------------|----------------|-------------------|---------------|----------------|--------|-------|-------------------|---------------------|--------------------|----------------|
|                  | Solar Maximum. | Minimum on Grass. | Shade Maximum | Shade Minimum. | Range. | Mean. | Amount in Inches. | Degree of Humidity. | General Direction. | Average Force. |
| January ... ..   |                |                   | 92.0          | 68.0           | 16.20  | 80.0  | 3.64              |                     |                    |                |
| February ... ..  |                |                   | 93.0          | 67.0           | 17.60  | 79.6  | 4.46              |                     |                    |                |
| March ... ..     |                |                   | 94.0          | 69.0           | 19.19  | 81.7  | 4.14              |                     |                    |                |
| April ... ..     |                |                   | 95.0          | 70.0           | 19.40  | 82.5  | 2.70              |                     |                    |                |
| May ... ..       |                |                   | 94.0          | 70.0           | 17.84  | 81.7  | 9.88              |                     |                    |                |
| June ... ..      |                |                   | 93.0          | 69.0           | 18.86  | 81.5  | 4.17              |                     |                    |                |
| July ... ..      |                |                   | 93.0          | 68.0           | 18.58  | 80.7  | 5.64              |                     |                    |                |
| August ... ..    |                |                   | 92.0          | 67.0           | 17.96  | 80.4  | 4.37              |                     |                    |                |
| September ... .. |                |                   | 92.0          | 68.0           | 17.57  | 79.8  | 8.63              |                     |                    |                |
| October ... ..   |                |                   | 92.0          | 70.0           | 17.93  | 80.4  | 11.64             |                     |                    |                |
| November ... ..  |                |                   | 91.0          | 70.0           | 16.30  | 77.0  | 12.82             |                     |                    |                |
| December ... ..  |                |                   | 91.0          | 69.0           | 16.16  | 79.7  | 4.12              |                     |                    |                |
| Means ... ..     |                |                   | 92.6          | 68.75          | 17.79  | 80.4  | 6.35              |                     |                    |                |

RETURN OF DISEASES AND DEATHS IN 1905 AT  
THE FOLLOWING INSTITUTIONS:

KUALA LIPIS GENERAL HOSPITAL; DISTRICT HOSPITALS AT RAUB, BENTONG, PEKAN  
AND KUANTAN; AND GAOL HOSPITALS AT LIPIS AND PEKAN.

| Diseases.                    | * Remaining<br>in Hospital<br>at end of<br>1904. | Yearly Total.    |         | † Total<br>Cases<br>Treated. | ‡ Remaining<br>in Hospital<br>at end of<br>1905. |
|------------------------------|--------------------------------------------------|------------------|---------|------------------------------|--------------------------------------------------|
|                              |                                                  | Admis-<br>sions. | Deaths. |                              |                                                  |
| GENERAL DISEASES.            |                                                  |                  |         |                              |                                                  |
| Small-pox ... ..             | ...                                              | 27               | 3       | 27                           |                                                  |
| Chicken-pox ... ..           | ...                                              | 6                | ...     | 6                            |                                                  |
| Measles ... ..               | ...                                              |                  |         |                              |                                                  |
| Typhus ... ..                | ...                                              |                  |         |                              |                                                  |
| Dengue ... ..                | ...                                              |                  |         |                              |                                                  |
| Influenza ... ..             | ...                                              |                  |         |                              |                                                  |
| Plague ... ..                | ...                                              |                  |         |                              |                                                  |
| Mumps ... ..                 | ...                                              | 2                | ...     | 2                            |                                                  |
| Diphtheria ... ..            | ...                                              |                  |         |                              |                                                  |
| Febricula ... ..             | ...                                              | 1                | ...     | 1                            |                                                  |
| Enteric Fever ... ..         | ...                                              | 16               | 7       | 16                           |                                                  |
| Cholera ... ..               | ...                                              |                  |         |                              |                                                  |
| Dysentery ... ..             | 6                                                | 299              | 51      | 305                          | 12                                               |
| Yellow Fever ... ..          | ...                                              |                  |         |                              |                                                  |
| Beri-beri ... ..             | 20                                               | 381              | 67      | 401                          | 31                                               |
| Malarial Fever—              |                                                  |                  |         |                              |                                                  |
| (a) Intermittent—            |                                                  |                  |         |                              |                                                  |
| Quotidian ... ..             | ...                                              |                  |         |                              |                                                  |
| Tertian ... ..               | ...                                              | 31               | ...     | 31                           |                                                  |
| Quartan ... ..               | 3                                                | 21               | 3       | 24                           |                                                  |
| Irregular ... ..             | 1                                                | 23               | 2       | 24                           |                                                  |
| Type undiagnosed ... ..      | 11                                               | 562              | 14      | 573                          | 25                                               |
| (b) Remittent ... ..         | ...                                              | 4                | 1       | 4                            |                                                  |
| (c) Pernicious R. ... ..     | 2                                                | 13               | 10      | 15                           |                                                  |
| Phagedæna—                   |                                                  |                  |         |                              |                                                  |
| (a) Sloughing ... ..         | ...                                              |                  |         |                              |                                                  |
| (b) Hospital gangrene ... .. | ...                                              |                  |         |                              |                                                  |
| Erysipelas ... ..            | ...                                              | 4                | ...     | 4                            |                                                  |
| Carried forward ...          | 43                                               | 1,390            | 158     | 1,433                        | 68                                               |

\* i.e., the year previous to that for which the Return is made.

† “Total cases treated” will, of course, include those remaining in Hospital at the end of the previous year.

‡ The figures in this column to be carried on to the next year’s Return.

| Diseases.                           |     |     |     |     |     | * Remaining<br>in Hospital<br>at end of<br>1904. | Yearly Total.    |         | † Total<br>Cases<br>Treated. | ‡ Remaining<br>in Hospital<br>at end of<br>1905. |
|-------------------------------------|-----|-----|-----|-----|-----|--------------------------------------------------|------------------|---------|------------------------------|--------------------------------------------------|
|                                     |     |     |     |     |     |                                                  | Admis-<br>sions. | Deaths. |                              |                                                  |
| <i>Brought forward</i> ...          |     |     |     |     |     | 43                                               | 1,390            | 158     | 1,433                        | 68                                               |
| GENERAL DISEASES---( <i>cont.</i> ) |     |     |     |     |     |                                                  |                  |         |                              |                                                  |
| Pyæmia                              | ... | ... | ... | ... | ... | ...                                              | 2                | 2       | 2                            |                                                  |
| Septicæmia                          | ... | ... | ... | ... | ... |                                                  |                  |         |                              |                                                  |
| Tetanus                             | ... | ... | ... | ... | ... |                                                  |                  |         |                              |                                                  |
| Tubercle                            | ... | ... | ... | ... | ... | ...                                              | 17               | 9       | 17                           | 1                                                |
| Leprosy—                            |     |     |     |     |     |                                                  |                  |         |                              |                                                  |
| (a) Tubercular                      | ... | ... | ... | ... | ... |                                                  |                  |         |                              |                                                  |
| (b) Anæsthetic                      | ... | ... | ... | ... | ... | ...                                              | 2                | ...     | 2                            |                                                  |
| Yaws                                | ... | ... | ... | ... | ... | ...                                              | 1                | ...     | 1                            |                                                  |
| Syphilis—                           |     |     |     |     |     |                                                  |                  |         |                              |                                                  |
| (a) Primary                         | ... | ... | ... | ... | ... | ...                                              | 27               | 1       | 27                           | 8                                                |
| (b) Secondary                       | ... | ... | ... | ... | ... | ...                                              | 24               | ...     | 24                           | 1                                                |
| (c) Inherited                       | ... | ... | ... | ... | ... | 2                                                | 59               | ...     | 61                           | 2                                                |
| Gonorrhœa                           | ... | ... | ... | ... | ... | 1                                                | 34               | ...     | 35                           | 3                                                |
| Hydrophobia                         | ... | ... | ... | ... | ... |                                                  |                  |         |                              |                                                  |
| Scurvy                              | ... | ... | ... | ... | ... |                                                  |                  |         |                              |                                                  |
| Alcoholism                          | ... | ... | ... | ... | ... |                                                  |                  |         |                              |                                                  |
| Delirium Tremens                    | ... | ... | ... | ... | ... | ...                                              | 2                | ...     | 2                            | 1                                                |
| Rheumatism, Syphilitic              | ... | ... | ... | ... | ... | ...                                              | 6                | ...     | 6                            |                                                  |
| Rheumatism                          | ... | ... | ... | ... | ... | 2                                                | 57               | 3       | 59                           | 7                                                |
| Gout                                | ... | ... | ... | ... | ... |                                                  |                  |         |                              |                                                  |
| New Growth, non-malignant           |     |     |     |     |     |                                                  |                  |         |                              |                                                  |
| Do. malignant                       | ... | ... | ... | ... | ... | ...                                              | 2                | ...     | 2                            |                                                  |
| Rickets                             | ... | ... | ... | ... | ... |                                                  |                  |         |                              |                                                  |
| Anæmia                              | ... | ... | ... | ... | ... | 1                                                | 48               | 8       | 49                           | 6                                                |
| Myxœdema                            | ... | ... | ... | ... | ... |                                                  |                  |         |                              |                                                  |
| Diabetes mellitus                   | ... | ... | ... | ... | ... |                                                  |                  |         |                              |                                                  |
| Do. insipidus                       | ... | ... | ... | ... | ... |                                                  |                  |         |                              |                                                  |
| Debility                            | ... | ... | ... | ... | ... | 1                                                | 26               | 3       | 27                           | 2                                                |
| Other Diseases                      | ... | ... | ... | ... | ... | ...                                              | 10               | 5       | 10                           | 1                                                |
| <i>Carried forward</i> ...          |     |     |     |     |     | 50                                               | 1,707            | 189     | 1,757                        | 100                                              |

\* *i.e.*, the year previous to that for which the Return is made.

† “Total cases treated” will, of course, include those remaining in Hospital at the end of the previous year.

‡ The figures in this column to be carried on to the next year's Return.

| Diseases                            | * Remaining<br>in Hospital<br>at end of<br>1904. | Yearly Total.    |         | † Total<br>Cases<br>Treated. | ‡ Remaining<br>in Hospital<br>at end of<br>1905. |
|-------------------------------------|--------------------------------------------------|------------------|---------|------------------------------|--------------------------------------------------|
|                                     |                                                  | Admis-<br>sions. | Deaths. |                              |                                                  |
| <i>Brought forward</i> ...          | 50                                               | 1,707            | 189     | 1,757                        | 100                                              |
| LOCAL DISEASES.                     |                                                  |                  |         |                              |                                                  |
| NERVOUS SYSTEM.                     |                                                  |                  |         |                              |                                                  |
| Sub-Section 1—                      |                                                  |                  |         |                              |                                                  |
| Neuritis ... ..                     |                                                  |                  |         |                              |                                                  |
| Meningitis ... ..                   |                                                  |                  |         |                              |                                                  |
| Myelitis ... ..                     |                                                  |                  |         |                              |                                                  |
| Hydrocephalus ... ..                |                                                  |                  |         |                              |                                                  |
| Encephalitis ... ..                 |                                                  |                  |         |                              |                                                  |
| Abscess of Brain ... ..             |                                                  |                  |         |                              |                                                  |
| Congestion of Brain ... ..          |                                                  |                  |         |                              |                                                  |
| Sub-Section 2—                      |                                                  |                  |         |                              |                                                  |
| Apoplexy ... ..                     |                                                  |                  |         |                              |                                                  |
| Paralysis ... ..                    | 2                                                | 5                | ...     | 7                            |                                                  |
| Bed-sore ... ..                     |                                                  |                  |         |                              |                                                  |
| Chorea ... ..                       |                                                  |                  |         |                              |                                                  |
| Epilepsy ... ..                     | ...                                              | 1                | ...     | 1                            |                                                  |
| Neuralgia ... ..                    | 1                                                | 8                | ...     | 9                            |                                                  |
| Hysteria ... ..                     |                                                  |                  |         |                              |                                                  |
| Sub-Section 3—                      |                                                  |                  |         |                              |                                                  |
| Idiocy ... ..                       |                                                  |                  |         |                              |                                                  |
| Mania ... ..                        | ...                                              | 1                | ...     | 1                            |                                                  |
| Melancholia ... ..                  |                                                  |                  |         |                              |                                                  |
| Dementia ... ..                     | 1                                                | ...              | ...     | 1                            |                                                  |
| Delusional Insanity ... ..          | ...                                              | 1                | ...     | 1                            |                                                  |
| Other Diseases of the System ... .. | ...                                              | 1                | ...     | 1                            | 1                                                |
| EYE.                                |                                                  |                  |         |                              |                                                  |
| Conjunctiva—                        |                                                  |                  |         |                              |                                                  |
| Conjunctivitis ... ..               | ...                                              | 7                | ...     | 7                            | 1                                                |
| Cornea—                             |                                                  |                  |         |                              |                                                  |
| Keratitis ... ..                    | ...                                              | 2                | ...     | 2                            |                                                  |
| Ulceration ... ..                   | 2                                                | 19               | 1       | 21                           | 1                                                |
| Opacity ... ..                      |                                                  |                  |         |                              |                                                  |
| <i>Carried forward</i> ...          | 56                                               | 1,752            | 190     | 1,808                        | 103                                              |

\* *i.e.*, the year previous to that for which the Return is made.

† "Total cases treated" will, of course, include those remaining in Hospital at the end of the previous year.

‡ The figures in this column to be carried on to the next year's Return.

| Diseases.                                          | * Remaining<br>in Hospital<br>at end of<br>1904. | Yearly Total.    |         | † Total<br>Cases<br>Treated. | ‡ Remaining<br>in Hospital<br>at end of<br>1905. |
|----------------------------------------------------|--------------------------------------------------|------------------|---------|------------------------------|--------------------------------------------------|
|                                                    |                                                  | Admis-<br>sions. | Deaths. |                              |                                                  |
| <i>Brought forward</i> ...                         | 56                                               | 1,752            | 190     | 1,808                        | 103                                              |
| LOCAL DISEASES—( <i>cont.</i> )                    |                                                  |                  |         |                              |                                                  |
| EYE—( <i>cont.</i> )                               |                                                  |                  |         |                              |                                                  |
| Schlerotic—                                        |                                                  |                  |         |                              |                                                  |
| Staphyloma...     ...     ...     ...              | ...                                              | 1                | ...     | 1                            |                                                  |
| Iris—                                              |                                                  |                  |         |                              |                                                  |
| Iritis     ...     ...     ...     ...             | ...                                              | 1                | ...     | 1                            |                                                  |
| Glaucoma     ...     ...     ...     ...           |                                                  |                  |         |                              |                                                  |
| Hypopyon     ...     ...     ...     ...           | ...                                              | 1                | ...     | 1                            |                                                  |
| Lens—                                              |                                                  |                  |         |                              |                                                  |
| Cataract     ...     ...     ...     ...           | ...                                              | 1                | ...     | 1                            |                                                  |
| Eyelids—                                           |                                                  |                  |         |                              |                                                  |
| Entropion     ...     ...     ...     ...          |                                                  |                  |         |                              |                                                  |
| Other Eye Diseases     ...     ...     ...     ... | ...                                              | 1                | ...     | 1                            |                                                  |
| EAR.                                               |                                                  |                  |         |                              |                                                  |
| Inflammation ...     ...     ...     ...           | 1                                                | 2                | ...     | 3                            |                                                  |
| Other Ear Diseases     ...     ...     ...     ... |                                                  |                  |         |                              |                                                  |
| NOSE.                                              |                                                  |                  |         |                              |                                                  |
| Inflammation ...     ...     ...     ...           |                                                  |                  |         |                              |                                                  |
| Other Nose Diseases ...     ...     ...     ...    |                                                  |                  |         |                              |                                                  |
| CIRCULATORY SYSTEM.                                |                                                  |                  |         |                              |                                                  |
| Membranes—                                         |                                                  |                  |         |                              |                                                  |
| Pericarditis...     ...     ...     ...            | ...                                              | 4                | 2       | 4                            | 1                                                |
| Endocarditis     ...     ...     ...     ...       |                                                  |                  |         |                              |                                                  |
| Valvular Diseases     ...     ...     ...     ...  | 1                                                | 19               | 13      | 20                           |                                                  |
| Muscular Substance—                                |                                                  |                  |         |                              |                                                  |
| Hypertrophy     ...     ...     ...     ...        |                                                  |                  |         |                              |                                                  |
| Dilatation     ...     ...     ...     ...         |                                                  |                  |         |                              |                                                  |
| Other Diseases of the System     ...     ...       | ...                                              | 4                | 2       | 4                            | 1                                                |
| RESPIRATORY SYSTEM.                                |                                                  |                  |         |                              |                                                  |
| Larynx—                                            |                                                  |                  |         |                              |                                                  |
| Laryngitis     ...     ...     ...     ...         |                                                  |                  |         |                              |                                                  |
| <i>Carried forward</i> ...                         | 58                                               | 1,786            | 207     | 1,844                        | 105                                              |

\* *i.e.*, the year previous to that for which the Return is made.

† "Total cases treated" will, of course, include those remaining in Hospital at the end of the previous year.

‡ The figures in this column to be carried on to the next year's Return.

| Diseases.                           | * Remaining<br>in Hospital<br>at end of<br>1904. | Yearly Total.    |         | † Total<br>Cases<br>Treated | ‡ Remaining<br>in Hospital<br>at end of<br>1905 |
|-------------------------------------|--------------------------------------------------|------------------|---------|-----------------------------|-------------------------------------------------|
|                                     |                                                  | Admis-<br>sions. | Deaths. |                             |                                                 |
| <i>Brought forward</i> ...          | 58                                               | 1,786            | 207     | 1,844                       | 105                                             |
| LOCAL DISEASES—( <i>cont.</i> )     |                                                  |                  |         |                             |                                                 |
| RESPIRATORY SYSTEM—( <i>cont.</i> ) |                                                  |                  |         |                             |                                                 |
| Bronchi—                            |                                                  |                  |         |                             |                                                 |
| Bronchitis ... ..                   | 1                                                | 54               | 4       | 55                          |                                                 |
| Asthma ... ..                       | 1                                                | ...              | ...     | 1                           |                                                 |
| Lung—                               |                                                  |                  |         |                             |                                                 |
| Congestion ... ..                   |                                                  |                  |         |                             |                                                 |
| Hæmoptysis ... ..                   |                                                  |                  |         |                             |                                                 |
| Pneumonia ... ..                    | 1                                                | 16               | 3       | 17                          |                                                 |
| Gangrene ... ..                     |                                                  |                  |         |                             |                                                 |
| Phthisis ... ..                     | 8                                                | 128              | 59      | 136                         | 5                                               |
| Emphysema ... ..                    | ...                                              | 1                | ...     | 1                           |                                                 |
| Pleura—                             |                                                  |                  |         |                             |                                                 |
| Pleurisy ... ..                     | 1                                                | 8                | 3       | 9                           |                                                 |
| Empyema ... ..                      |                                                  |                  |         |                             |                                                 |
| Other Diseases of the System ... .. | ...                                              | 5                | ...     | 5                           |                                                 |
| DIGESTIVE SYSTEM.                   |                                                  |                  |         |                             |                                                 |
| Mouth—                              |                                                  |                  |         |                             |                                                 |
| Stomatitis ... ..                   |                                                  |                  |         |                             |                                                 |
| Dental Periostium—                  |                                                  |                  |         |                             |                                                 |
| Gum-boil ... ..                     |                                                  |                  |         |                             |                                                 |
| Fauces—                             |                                                  |                  |         |                             |                                                 |
| Tonsillitis ... ..                  |                                                  |                  |         |                             |                                                 |
| Stomach—                            |                                                  |                  |         |                             |                                                 |
| Gastritis ... ..                    | 1                                                | 2                | ...     | 3                           |                                                 |
| Dyspepsia ... ..                    | ...                                              | 17               | 1       | 17                          |                                                 |
| Intestines—                         |                                                  |                  |         |                             |                                                 |
| Enteritis ... ..                    | 1                                                | 9                | 8       | 10                          |                                                 |
| Sprue ... ..                        | ...                                              | 1                | 1       | 1                           |                                                 |
| Hernia ... ..                       | ...                                              | 5                | ...     | 5                           |                                                 |
| Constipation ... ..                 | ...                                              | 11               | ...     | 11                          |                                                 |
| Diarrhoea ... ..                    | 1                                                | 79               | 17      | 80                          | 4                                               |
| <i>Carried forward</i> ...          | 73                                               | 2,122            | 303     | 2,195                       | 114                                             |

\* *i.e.*, the year previous to that for which the Return is made.

† “Total cases treated” will, of course, include those remaining in Hospital at the end of the previous year.

‡ The figures in this column to be carried on to the next year's Return.

| Diseases.                           | * Remaining<br>in Hospital<br>at end of<br>1904. | Yearly Total.    |         | † Total<br>Cases<br>Treated. | ‡ Remaining<br>in Hospital<br>at end of<br>1905. |
|-------------------------------------|--------------------------------------------------|------------------|---------|------------------------------|--------------------------------------------------|
|                                     |                                                  | Admis-<br>sions. | Deaths. |                              |                                                  |
| <i>Brought forward</i> ...          | 73                                               | 2,122            | 303     | 2,195                        | 114                                              |
| LOCAL DISEASES—( <i>cont.</i> )     |                                                  |                  |         |                              |                                                  |
| DIGESTIVE SYSTEM—( <i>cont.</i> )   |                                                  |                  |         |                              |                                                  |
| Rectum and Anus—                    |                                                  |                  |         |                              |                                                  |
| Hemorrhoids ... ..                  | ...                                              | 5                | ...     | 5                            | 1                                                |
| Liver—                              |                                                  |                  |         |                              |                                                  |
| Hepatitis ... ..                    | ...                                              | 4                | ...     | 4                            |                                                  |
| Abscess Liver ... ..                | ...                                              | 2                | 2       | 2                            |                                                  |
| Cirrhosis ... ..                    | ...                                              | 7                | 2       | 7                            | 2                                                |
| Congestion Liver ... ..             | ...                                              | 2                | ...     | 2                            | 1                                                |
| Jaundice ... ..                     | ...                                              | 4                | ...     | 4                            |                                                  |
| Peritoneum—                         |                                                  |                  |         |                              |                                                  |
| Peritonitis ... ..                  | ...                                              | 2                | 2       | 2                            |                                                  |
| Ascites ... ..                      | 1                                                | 3                | 1       | 4                            | 1                                                |
| Other Diseases of the System ... .. | ...                                              | 20               | ...     | 20                           |                                                  |
| LYMPHATIC SYSTEM.                   |                                                  |                  |         |                              |                                                  |
| Spleen—                             |                                                  |                  |         |                              |                                                  |
| Splenitis ... ..                    | 2                                                | 17               | 3       | 19                           |                                                  |
| Bubo ... ..                         | ...                                              | 19               | ...     | 19                           | 3                                                |
| Lymphangitis ... ..                 | ...                                              | 4                | ...     | 4                            |                                                  |
| Elephantiasis ... ..                | ...                                              |                  |         |                              |                                                  |
| Other Diseases of the System ... .. | ...                                              | 5                | ...     | 5                            | 1                                                |
| URINARY SYSTEM.                     |                                                  |                  |         |                              |                                                  |
| Kidney—                             |                                                  |                  |         |                              |                                                  |
| Acute Nephritis ... ..              | ...                                              |                  |         |                              |                                                  |
| Bright's Disease ... ..             | 2                                                | 27               | 11      | 29                           | 1                                                |
| Hæmaturia ... ..                    | ...                                              |                  |         |                              |                                                  |
| Chyluria ... ..                     | ...                                              |                  |         |                              |                                                  |
| Bladder—                            |                                                  |                  |         |                              |                                                  |
| Cystitis ... ..                     | ...                                              | 3                | ...     | 3                            |                                                  |
| Calculus ... ..                     | ...                                              |                  |         |                              |                                                  |
| Other Diseases of the System ... .. | ...                                              |                  |         |                              |                                                  |
| <i>Carried forward</i> ...          | 78                                               | 2,246            | 324     | 2,324                        | 124                                              |

\* *i.e.*, the year previous to that for which the Return is made.

† "Total cases treated" will, of course, include those remaining in Hospital at the end of the previous year.

‡ The figures in this column to be carried on to the next year's Return.

| Diseases.                      | * Remaining<br>in Hospital<br>at end of<br>1904. | Yearly Total.    |         | † Total<br>Cases<br>Treated. | ‡ Remaining<br>in Hospital<br>at end of<br>1905. |
|--------------------------------|--------------------------------------------------|------------------|---------|------------------------------|--------------------------------------------------|
|                                |                                                  | Admis-<br>sions. | Deaths. |                              |                                                  |
| <i>Brought forward</i> ...     | 78                                               | 2,246            | 324     | 2,324                        | 124                                              |
| LOCAL DISEASES—(cont.)         |                                                  |                  |         |                              |                                                  |
| GENERATIVE SYSTEM.             |                                                  |                  |         |                              |                                                  |
| Urethra—                       |                                                  |                  |         |                              |                                                  |
| Stricture ... ..               | 1                                                | 1                | ...     | 2                            |                                                  |
| Prepuce—                       |                                                  |                  |         |                              |                                                  |
| Phimosis ... ..                | 1                                                | 5                | ...     | 6                            |                                                  |
| Paraphimosis ... ..            |                                                  |                  |         |                              |                                                  |
| Penis—                         |                                                  |                  |         |                              |                                                  |
| Soft Chancre ... ..            | 1                                                | 12               | 1       | 13                           | 2                                                |
| Scrotum—                       |                                                  |                  |         |                              |                                                  |
| Sloughing Scrotum ... ..       |                                                  |                  |         |                              |                                                  |
| Tunica Vaginalis—              |                                                  |                  |         |                              |                                                  |
| Hydrocele ... ..               |                                                  |                  |         |                              |                                                  |
| Testicle—                      |                                                  |                  |         |                              |                                                  |
| Orchitis ... ..                | ...                                              | 6                | ...     | 6                            |                                                  |
| Epididymitis ... ..            | ...                                              | 1                | ...     | 1                            |                                                  |
| Other Diseases (male) ... ..   |                                                  |                  |         |                              |                                                  |
| Uterus—                        |                                                  |                  |         |                              |                                                  |
| Metritis ... ..                |                                                  |                  |         |                              |                                                  |
| Uterine Displacements ... ..   | ...                                              | 1                | ...     | 1                            |                                                  |
| Amenorrhœa ... ..              |                                                  |                  |         |                              |                                                  |
| Dysmenorrhœa ... ..            |                                                  |                  |         |                              |                                                  |
| Menorrhagia ... ..             |                                                  |                  |         |                              |                                                  |
| Leucorrhœa ... ..              | ...                                              | 2                | ...     | 2                            |                                                  |
| Other Diseases (female) ... .. | ...                                              | 1                | ...     | 1                            |                                                  |
| ORGANS OF LOCOMOTION.          |                                                  |                  |         |                              |                                                  |
| Bones—                         |                                                  |                  |         |                              |                                                  |
| Ostitis ... ..                 |                                                  |                  |         |                              |                                                  |
| Periostitis ... ..             | ...                                              | 3                | ...     | 3                            |                                                  |
| Caries ... ..                  | ...                                              | 1                | ...     | 1                            |                                                  |
| Necrosis ... ..                | ...                                              | 3                | 1       | 3                            |                                                  |
| Joints—                        |                                                  |                  |         |                              |                                                  |
| Synovitis ... ..               | ...                                              | 8                | ...     | 8                            |                                                  |
| Ankylosis ... ..               | ...                                              | 4                | ...     | 4                            | 1                                                |
| <i>Carried forward</i> ...     | 81                                               | 2,294            | 326     | 2,375                        | 127                                              |

\* i.e., the year previous to that for which the Return is made.

† "Total cases treated" will, of course, include those remaining in Hospital at the end of the previous year.

‡ The figures in this column to be carried on to the next year's Return.

| Diseases.                    | * Remaining<br>in Hospital<br>at end of<br>1904. | Yearly Total.    |         | † Total<br>Cases<br>Treated. | ‡ Remaining<br>in Hospital<br>at end of<br>1905. |
|------------------------------|--------------------------------------------------|------------------|---------|------------------------------|--------------------------------------------------|
|                              |                                                  | Admis-<br>sions. | Deaths. |                              |                                                  |
| Brought forward ...          | 81                                               | 2,294            | 326     | 2,375                        | 127                                              |
| LOCAL DISEASES—(cont.)       |                                                  |                  |         |                              |                                                  |
| ORGANS OF LOCOMOTION—(cont.) |                                                  |                  |         |                              |                                                  |
| Spine—                       |                                                  |                  |         |                              |                                                  |
| Caries Spine ... ..          | 1                                                | ...              | ...     | 1                            |                                                  |
| Curvature Spine ... ..       |                                                  |                  |         |                              |                                                  |
| Muscles—                     |                                                  |                  |         |                              |                                                  |
| Myalgia ... ..               | ...                                              | 1                | ...     | 1                            |                                                  |
| Other Diseases ... ..        | ...                                              | 3                | ...     | 3                            |                                                  |
| CONNECTIVE TISSUE.           |                                                  |                  |         |                              |                                                  |
| Cellulitis ... ..            | ...                                              | 5                | ...     | 5                            |                                                  |
| Abscess ... ..               | 5                                                | 60               | 1       | 65                           | 4                                                |
| Gangrene ... ..              | 1                                                | 2                | ...     | 3                            |                                                  |
| Other Diseases ... ..        |                                                  |                  |         |                              |                                                  |
| SKIN.                        |                                                  |                  |         |                              |                                                  |
| Eczema ... ..                | ...                                              | 14               | ...     | 14                           |                                                  |
| Psoriasis ... ..             |                                                  |                  |         |                              |                                                  |
| Herpes... ..                 |                                                  |                  |         |                              |                                                  |
| Do. Zoster... ..             |                                                  |                  |         |                              |                                                  |
| Ulcer ... ..                 | 24                                               | 277              | 6       | 301                          | 25                                               |
| Boil ... ..                  | ...                                              | 5                | ...     | 5                            |                                                  |
| Carbuncle ... ..             | ...                                              | 4                | ...     | 4                            | 1                                                |
| Onychia ... ..               |                                                  |                  |         |                              |                                                  |
| Whitlow ... ..               |                                                  |                  |         |                              |                                                  |
| Other Diseases ... ..        | ...                                              | 8                | ...     | 8                            | 1                                                |
| GENERAL INJURIES.            |                                                  |                  |         |                              |                                                  |
| Burns and Scalds ... ..      | ...                                              | 1                | 1       | 1                            |                                                  |
| Sunstroke ... ..             |                                                  |                  |         |                              |                                                  |
| Multiple Injury ... ..       | 1                                                | 14               | ...     | 15                           | 1                                                |
| Starvation ... ..            | ...                                              | 1                | 1       | 1                            |                                                  |
| Shock ... ..                 |                                                  |                  |         |                              |                                                  |
| Carried forward ...          | 113                                              | 2,689            | 335     | 2,802                        | 159                                              |

\* i.e., the year previous to that for which the Return is made.  
† "Total cases treated" will, of course, include those remaining in Hospital at the end of the previous year.  
‡ The figures in this column to be carried on to the next year's Return.

| Diseases.                      | * Remaining<br>in Hospital<br>at end of<br>1904. | Yearly Total.    |         | † Total<br>Cases<br>Treated. | ‡ Remaining<br>in Hospital<br>at end of<br>1905. |
|--------------------------------|--------------------------------------------------|------------------|---------|------------------------------|--------------------------------------------------|
|                                |                                                  | Admis-<br>sions. | Deaths. |                              |                                                  |
| <i>Brought forward</i> ...     | 113                                              | 2,689            | 335     | 2,802                        | 159                                              |
| LOCAL INJURIES.                |                                                  |                  |         |                              |                                                  |
| Burns and Scalds ... ..        | 1                                                | 10               | 1       | 11                           |                                                  |
| Wounds ... ..                  | 7                                                | 89               | 4       | 96                           | 7                                                |
| Sprains ... ..                 | ...                                              | 6                | ...     | 6                            | 2                                                |
| Dislocations ... ..            | ...                                              | 3                | ...     | 3                            |                                                  |
| Fractures, simple ... ..       | 1                                                | 4                | 1       | 5                            |                                                  |
| Do. compound... ..             | 2                                                | 6                | ...     | 8                            |                                                  |
| Other Injuries ... ..          | 1                                                | 19               | 2       | 20                           | 2                                                |
| Surgical Operations ... ..     | ...                                              | 2                | ...     | 2                            | 1                                                |
| Malformations ... ..           | ...                                              | 1                | 1       | 1                            |                                                  |
| POISONS.                       |                                                  |                  |         |                              |                                                  |
| Mercury ... ..                 |                                                  |                  |         |                              |                                                  |
| Alcohol ... ..                 | ...                                              | 3                | 1       | 3                            |                                                  |
| Opium... ..                    |                                                  |                  |         |                              |                                                  |
| Other Poisons... ..            |                                                  |                  |         |                              |                                                  |
| Poisoned Wounds ... ..         | ...                                              | 1                | ...     | 1                            |                                                  |
| PARASITES.                     |                                                  |                  |         |                              |                                                  |
| Distomum Sinense ... ..        |                                                  |                  |         |                              |                                                  |
| Tœnia Solium... ..             |                                                  |                  |         |                              |                                                  |
| Ascaris Lumbricoides ... ..    |                                                  |                  |         |                              |                                                  |
| Anchylostomum Duodenale ... .. |                                                  |                  |         |                              |                                                  |
| Oxyuris Vermicularis ... ..    |                                                  |                  |         |                              |                                                  |
| Filaria Medinensis ... ..      |                                                  |                  |         |                              |                                                  |
| Acarus Scabiei ... ..          | 1                                                | 11               | ...     | 12                           |                                                  |
| Tinea Circinata ... ..         | ...                                              | 1                | ...     | 1                            |                                                  |
| Other Parasites ... ..         | ...                                              | 4                | ...     | 4                            |                                                  |
| Under observation ... ..       | ...                                              | 9                | 5       | 9                            |                                                  |
| TOTAL ...                      | 126                                              | 2,858            | 350     | 2,984                        | 171                                              |

\* *i.e.*, the year previous to that for which the Return is made.

† "Total cases treated" will, of course, include those remaining in Hospital at the end of the previous year.

‡ The figures in this column to be carried on to the next year's Return.



# FEDERATED MALAY STATES.

## STATE OF PAHANG.

### MEDICAL REPORT FOR THE YEAR 1905.

#### POPULATION.

In the absence of any immigration and emigration returns, it is impossible to calculate the population and the various nationalities of the State.

The estimated population in 1901 as per census was 84,113; since that date, however, it has considerably increased, owing chiefly to the influx of all prevailing nationalities, more particularly Chinese and Tamils; the total is now probably considerably over 100,000.

#### VITAL STATISTICS.

The Return of Births registered during the year with nationalities and sexes is as under:

| District.           | Nationality and sex. |     |            |     |          |     |         |     |         |     |         |     | Total. |
|---------------------|----------------------|-----|------------|-----|----------|-----|---------|-----|---------|-----|---------|-----|--------|
|                     | Europeans.           |     | Eurasians. |     | Chinese. |     | Malays. |     | Tamils. |     | Others. |     |        |
|                     | M.                   | F.  | M.         | F.  | M.       | F.  | M.      | F.  | M.      | F.  | M.      | F.  |        |
| Lipis ... ..        | ...                  | ... | ...        | 1   | 3        | 3   | 276     | 266 | 3       | 1   | 1       | ... | 554    |
| Raub ... ..         | ...                  | 2   | ...        | ... | 15       | 14  | 146     | 149 | 1       | 2   | 3       | ... | 332    |
| Temerloh ... ..     | ...                  | ... | ...        | ... | ...      | ... | 208     | 196 | ...     | ... | 1       | ... | 405    |
| Pekan ... ..        | ...                  | ... | 1          | ... | 3        | 3   | 258     | 265 | ...     | ... | 2       | ... | 532    |
| Kuantan ... ..      | ...                  | ... | ...        | ... | 2        | 11  | 72      | 86  | 2       | ... | 1       | ... | 174    |
| <hr/>               |                      |     |            |     |          |     |         |     |         |     |         |     |        |
| Total { Male ... .. | ...                  | ... | 1          | ... | 23       | ... | 960     | ... | 6       | ... | 8       | ... | 998    |
| { Female ... ..     | ...                  | 2   | ...        | 1   | ...      | 31  | ...     | 962 | ...     | 3   | ...     | ... | 999    |
| Grand Totals ... .. | 2                    |     | 2          |     | 54       |     | 1,922   |     | 9       |     | 8       |     | 1,997  |

The Death Return, with its accompanying nationalities and sexes, is:

| District.    |     |     | Nationality and sex. |     |            |     |          |     |         |     |         |     |         |     | Total |
|--------------|-----|-----|----------------------|-----|------------|-----|----------|-----|---------|-----|---------|-----|---------|-----|-------|
|              |     |     | Europeans.           |     | Eurasians. |     | Chinese. |     | Malays. |     | Tamils. |     | Others. |     |       |
|              |     |     | M.                   | F.  | M.         | F.  | M.       | F.  | M.      | F.  | M.      | F.  | M.      | F.  |       |
| Lipis ...    | ... | ... | ...                  | ... | ...        | ... | 41       | 11  | 142     | 135 | 4       | 1   | 1       | ... | 335   |
| Raub         | ... | ... | ...                  | ... | ...        | ... | 321      | 5   | 144     | 84  | 44      | 11  | 6       | 2   | 617   |
| Temerloh     | ... | ... | ...                  | ... | ...        | ... | ...      | ... | 161     | 135 | ...     | ... | ...     | ... | 296   |
| Pekan        | ... | ... | ...                  | ... | 1          | ... | 31       | 9   | 210     | 156 | 1       | ... | 1       | ... | 409   |
| Kuantan      | ... | ... | 1                    | ... | ...        | ... | 508      | 20  | 64      | 56  | 25      | 3   | 2       | 1   | 680   |
| Total { Male |     |     | 1                    | ... | 1          | ... | 901      | ... | 721     | ... | 74      | ... | 10      | ... | 1,708 |
|              |     |     | ...                  | ... | ...        | ... | ...      | 45  | ...     | 566 | ...     | 15  | ...     | 3   | 629   |
| Grand Totals |     |     | 1                    |     | 1          |     | 946      |     | 1,287   |     | 89      |     | 13      |     | 2,337 |

Absolute reliance cannot be placed on the death return owing to the inaccessibility of several districts of the State, and the difficulty of examining and checking returns from these parts, while the causes of death, on account of the ignorance of the bulk of the recorders, is in a necessarily chaotic state; for instance, 94 deaths were returned as "sakit prut," three "sakit angin," five from itch, and 31 unknown. Eight hundred and forty-three deaths were returned as "fever," 67 as convulsions, and 83 as bronchitis; while it is quite probable that some of the deaths from the more remote districts were not returned at all.

ZYMOTIC DISEASE.

Six cases of small-pox occurred during the year at Ketapang in the Pekan district, five Malays and one Chinese being affected; all recovered.

At Pekan, two Malays were successfully treated.

An outbreak occurred at Tanah Merah, north of Kuantan, 25 Malays being attacked, among whom three died.

CHICKEN-POX.

One case, a Malay, occurred in Kuala Lipis Gaol; four Tamils at Raub and one Malay at Bentong; all recovered.

WORK DONE.

Return of Patients treated at the various State hospitals:

| Hospital.      | Remained<br>31st<br>December,<br>1904. | Admitted<br>during<br>1905. | Total. | Discharged. | Transferred. | Absconded. | Died. | Remaining<br>31st<br>December,<br>1905. | Percentage<br>of deaths<br>occurred. | Percentage<br>of deaths,<br>excluding<br>those within<br>24 hours. |
|----------------|----------------------------------------|-----------------------------|--------|-------------|--------------|------------|-------|-----------------------------------------|--------------------------------------|--------------------------------------------------------------------|
| Lipis ... ..   | 9                                      | 274                         | 283    | 264         | ...          | 1          | 11    | 7                                       | 3.88                                 | 3.21                                                               |
| „ Gaol ... ..  | 2                                      | 18                          | 20     | 16          | ...          | ...        | 3     | 1                                       | 15.00                                |                                                                    |
| Raub ... ..    | 47                                     | 478                         | 525    | 428         | 1            | 8          | 54    | 34                                      | 10.28                                | 7.64                                                               |
| Bentong ... .. | 63                                     | 1,451                       | 1,514  | 1,262       | 2            | 6          | 162   | 82                                      | 10.07                                | 7.09                                                               |
| Pekan ... ..   | 4                                      | 122                         | 126    | 95          | 2            | 3          | 16    | 10                                      | 12.06                                |                                                                    |
| „ Gaol ... ..  | 1                                      | 28                          | 29     | 26          | 1            | ...        | 2     | ...                                     | 6.89                                 |                                                                    |
| Kuantan ... .. | ...                                    | 487                         | 487    | 323         | 20           | 5          | 102   | 37                                      | 20.94                                | 17.09                                                              |
| Total ... ..   | 126                                    | 2,858                       | 2,984  | 2,414       | 26           | 23         | 350   | 171                                     | 11.72                                | 9.26                                                               |

The death-rate calls for no comment, save in the case of Kuantan, where the fact of one dresser having to attend a daily average of over 40 bad cases, besides looking after the out-patients and performing the whole of the clerical work of the hospital, is more than a sufficient excuse.

The death-rate of Pekan Hospital is also higher than usual, on account of the transfer there of several beri-beri cases from the overcrowded hospital at Kuantan.

The chief diseases treated during the year, with their percentage of deaths, were:

| Disease.                 | Number<br>treated. | Number of<br>deaths. | Percentage of<br>deaths. |
|--------------------------|--------------------|----------------------|--------------------------|
| Malaria ... ..           | 671                | 30                   | 4.47                     |
| Beri-beri ... ..         | 401                | 67                   | 16.70                    |
| Dysentery ... ..         | 305                | 51                   | 16.72                    |
| Venereal diseases ... .. | 153                | 1                    | .65                      |
| Phthisis ... ..          | 136                | 59                   | 43.38                    |
| Diarrhœa ... ..          | 80                 | 17                   | 21.25                    |

The large percentage of deaths from beri-beri and bowel complaints is chiefly due to the deaths at Kuantan, where 25 per cent. of those admitted with these diseases died.

Most of the cases of beri-beri came from the mining kongsis in and around Blat.

The percentage of deaths from other diseases is also swollen by the inclusion of the Kuantan Hospital returns, at which hospital the death-rate from malaria was 18 per cent., dysentery 28 per cent., phthisis 70 per cent. and diarrhœa 50 per cent.

A comparative statement of the number of all patients treated at the State hospitals for the past six years is appended; this includes none admitted to private hospitals, on which subject I have commented later.

| Year.       | In-door patients. |               |                          | Out-door patients. |  |
|-------------|-------------------|---------------|--------------------------|--------------------|--|
|             | Total treated.    | Total deaths. | Percentage of<br>deaths. | Total treated.     |  |
| 1900 ... .. | 1,218             | 76            | 6.23                     | 5,782              |  |
| 1901 ... .. | 1,720             | 232           | 13.48                    | 6,698              |  |
| 1902 ... .. | 1,894             | 230           | 12.14                    | 7,620              |  |
| 1903 ... .. | 2,008             | 221           | 11.05                    | 13,849             |  |
| 1904 ... .. | 2,206             | 232           | 10.51                    | 13,312             |  |
| 1905 ... .. | 2,984             | 350           | 11.72                    | 15,778             |  |

Both the increased number of cases and the percentage of deaths can be attributed to Kuantan; the hospital there was only opened this year, and the death-rate remarkably high, as alluded to elsewhere.

A comparative return, showing the number of out-patients treated during the past three years is appended; it will be noticed that, with the exception of Kuala Lipis, the number shows a steady increase at all hospitals.

OUT-PATIENTS.

| Hospital.           | Number of new cases. |        |        | Number of repetitions. |       |       | Total treated. |        |        |
|---------------------|----------------------|--------|--------|------------------------|-------|-------|----------------|--------|--------|
|                     | 1903.                | 1904.  | 1905.  | 1903.                  | 1904. | 1905. | 1903.          | 1904.  | 1905.  |
| Lipis ... ..        | 2,501                | 4,084  | 4,196  | 3,296                  | 934   | 568   | 5,797          | 5,018  | 4,764  |
| Raub ... ..         | 1,467                | 1,885  | 2,168  | 285                    | 439   | 455   | 1,752          | 2,324  | 2,623  |
| Tras Dispensary ... | ...                  | 412    | 445    | ...                    | 56    | 33    | ...            | 468    | 478    |
| Bentong ... ..      | 2,647                | 3,132  | 3,764  | 439                    | 568   | 555   | 3,086          | 3,700  | 4,319  |
| Pekan ... ..        | 1,813                | 1,391  | 1,674  | 1,401                  | 440   | 215   | 3,214          | 1,831  | 1,889  |
| Kuantan ... ..      | ...                  | ...    | 1,363  | ...                    | ...   | 342   | ...            | ...    | 1,705  |
| Total ...           | 8,428                | 10,904 | 13,610 | 5,421                  | 2,437 | 2,168 | 13,849         | 13,341 | 15,778 |

The number of patients treated in the various State hospitals during the past five years was :

| Hospital.          | 1901. | 1902. | 1903. | 1904. | 1905. |
|--------------------|-------|-------|-------|-------|-------|
| Kuala Lipis ... .. | ...   | 565   | 432   | 351   | 283   |
| Raub ... ..        | 518   | 538   | 472   | 532   | 525   |
| Bentong ... ..     | 363   | 463   | 833   | 1,066 | 1,514 |
| Pekan ... ..       | 194   | 210   | 187   | 219   | 126   |
| Kuantan ... ..     | ...   | ...   | ...   | ...   | 487   |

From this it will be noticed that the admissions to Kuala Lipis are steadily declining, owing to the rapidly diminishing population and importance of the village and surrounding country.

The conditions at Raub are about stationary.

At Bentong there has been a steady increase of admissions ; while some of this is due to the increasing importance of the town, I am of the opinion that the bulk of it is owing to the importation of Indian labour for work at the new roads ; this is borne out by the fact that the increased percentage of Chinese hospital admissions over 1904 is but 17 per cent., while that for Tamils amounts to no less than 255 per cent.

The admissions to Kuantan would have been considerably higher had there been room to receive them ; as it was, usually double the number of cases was admitted over the accommodation available, and numerous bad cases were unavoidably turned away, or treated in some instances as out-patients.

OPERATIONS.

One hundred and twenty-eight operations were performed during the year with three deaths, sixty-five of these being at Bentong.

PRIVATE HOSPITALS.

Four private hospitals exist, concerning which the managers have refused to supply any information ; the mortality is, however, known to be heavy. In some of these, no registers of either admissions, deaths or diseases are kept.

GAOLS.

The number of prisoners treated in the Gaol hospitals is as under :

| Station.           | Remained<br>31st Dec.,<br>1904. | Admitted<br>during<br>1905. | Total<br>treated. | Deaths. | Remaining<br>31st Dec.,<br>1905. |
|--------------------|---------------------------------|-----------------------------|-------------------|---------|----------------------------------|
| Kuala Lipis ... .. | 2                               | 18                          | 20                | 3       | 1                                |
| Pekan ... ..       | 1                               | 28                          | 29                | 2       | ...                              |
| Raub ... ..        | ...                             | 5                           | 5                 | 2       | 1                                |
| Total ...          | 3                               | 51                          | 54                | 7       | 2                                |

POLICE.

Two hundred and fifteen police were admitted to the various State hospitals, their number and nationalities being as under :

| Hospital.   |     |     |     |     | Sikhs. |     | Malays. |     | Total. |
|-------------|-----|-----|-----|-----|--------|-----|---------|-----|--------|
| Kuala Lipis | ... | ... | ... | ... | 50     | ... | 26      | ... | 76     |
| Raub        | ... | ... | ... | ... | 41     | ... | 16      | ... | 57     |
| Bentong     | ... | ... | ... | ... | 27     | ... | 7       | ... | 34     |
| Pekan       | ... | ... | ... | ... | 29     | ... | 12      | ... | 41     |
| Kuantan     | ... | ... | ... | ... | 4      | ... | 3       | ... | 7      |
| Total       |     |     |     |     | 151    | ... | 64      | ... | 215    |

Twelve Sikhs and two Malays where boarded during this year as unfit for further service in the force.

METEOROLOGICAL.

An abstract showing the rainfall for each month for each station, and the number of wet days at each, is appended.

RAINFALL.

| Months.     | Lipis.  |             | Bentong. |             | Raub.   |             | Pekan.  |             | Kuantan. |             | Temerloh. |             |
|-------------|---------|-------------|----------|-------------|---------|-------------|---------|-------------|----------|-------------|-----------|-------------|
|             | Inches. | Rainy days. | Inches.  | Rainy days. | Inches. | Rainy days. | Inches. | Rainy days. | Inches.  | Rainy days. | Inches.   | Rainy days. |
| January ... | 3.64    | 6           | 6.96     | 13          | 5.60    | 11          | 3.45    | 9           | 2.81     | 7           | 3.55      | 7           |
| February    | 4.46    | 15          | 4.39     | 17          | 7.72    | 14          | 22.07   | 18          | 5.54     | 10          | 5.38      | 8           |
| March ...   | 4.14    | 9           | 3.69     | 9           | 4.28    | 7           | 3.62    | 8           | 1.82     | 7           | 2.38      | 7           |
| April ...   | 2.70    | 11          | 6.63     | 16          | 4.43    | 12          | 6.54    | 16          | 8.55     | 14          | 4.41      | 9           |
| May ...     | 9.88    | 18          | 7.01     | 15          | 4.56    | 16          | 9.16    | 21          | 7.82     | 12          | 10.26     | 13          |
| June ...    | 4.17    | 10          | 3.92     | 9           | 2.16    | 12          | 3.65    | 13          | 6.26     | 10          | 2.95      | 10          |
| July ...    | 5.64    | 11          | 3.96     | 17          | 5.61    | 12          | 5.84    | 18          | 3.24     | 9           | 2.79      | 12          |
| August ...  | 4.37    | 11          | 5.33     | 14          | 9.19    | 14          | 4.22    | 15          | 7.10     | 13          | 4.53      | 8           |
| September   | 8.63    | 17          | 4.14     | 15          | 6.37    | 13          | 5.23    | 11          | 5.96     | 13          | 6.41      | 15          |
| October ... | 11.64   | 18          | 15.90    | 15          | 8.43    | 17          | 7.95    | 12          | 5.68     | 12          | 4.84      | 11          |
| November    | 12.82   | 21          | 16.69    | 26          | 11.44   | 18          | 32.82   | 26          | 24.05    | 21          | 9.91      | 22          |
| December    | 4.12    | 17          | 8.51     | 22          | 6.15    | 20          | 15.57   | 21          | 12.38    | 18          | 7         | 17          |
| Total ...   | 76.21   | 164         | 87.13    | 188         | 75.94   | 166         | 120.12  | 188         | 91.21    | 146         | 64.41     | 139         |

Barometrical, humidity, and anemometrical observations have not hitherto been recorded in this State.

The mean maximum and minimum temperature, with the daily and annual range, for the past year was :

| Station. |     |     | Maximum shade temperature. | Minimum shade temperature. | Mean. | Extreme daily range. | Extreme annual range. |
|----------|-----|-----|----------------------------|----------------------------|-------|----------------------|-----------------------|
|          |     |     | °                          | °                          | °     | °                    | °                     |
| Lipis    | ... | ... | 92.6                       | 68.7                       | 80.4  | 23                   | 28                    |
| Raub     | ... | ... | 91.3                       | 68.3                       | 79.8  | 25                   | 27                    |
| Bentong  | ... | ... | 92                         | 68.3                       | 80.3  | 24.5                 | 28.5                  |
| Temerloh | ... | ... | 96                         | 68                         | 82    | 28                   | 28                    |
| Pekan    | ... | ... | 90.1                       | 69.8                       | 80    | 28                   | 20                    |
| Kuantan  | ... | ... | 90.2                       | 69.4                       | 79.7  | 13.6                 | 20.8                  |

The maximum temperature recorded was 96° at Temerloh. The minimum was 68°, also at Temerloh.

The maximum rainfall in any month was 32.82 in. in November at Pekan, and the greatest in any one day of twenty-four hours 10.02 in. at Kuantan on 9th November,

1905. A comparison of the rainfall for the past ten years, with the number of rainy days in each year, is appended :

| Years. |     | Lipis.  |             | Raub.   |             | Bentong. |             | Pekan.  |             | Kuantan. |             | Temerloh. |             |
|--------|-----|---------|-------------|---------|-------------|----------|-------------|---------|-------------|----------|-------------|-----------|-------------|
|        |     | Inches. | Rainy days. | Inches. | Rainy days. | Inches.  | Rainy days. | Inches. | Rainy days. | Inches.  | Rainy days. | Inches.   | Rainy days. |
| 1896   | ... | 107.57  | 187         | *       | *           | *        | *           | 182.20  | 170         | 139.64   | 204         | *         | *           |
| 1897   | ... | 127.97  | 215         | *       | *           | *        | *           | 189.60  | 174         | 156.07   | *           | 68.30     | *           |
| 1898   | ... | 105.74  | 176         | *       | *           | *        | *           | 110.31  | 167         | 107.86   | 179         | 98.04     | 134         |
| 1899   | ... | 108.95  | 203         | 85.61   | 154         | *        | *           | 133.63  | 202         | 109.53   | 213         | 89.48     | 106         |
| 1900   | ... | 96.69   | 160         | 158.80  | 153         | *        | *           | 110.74  | 211         | 82.26    | 199         | 140.47    | 130         |
| 1901   | ... | 89.88   | 167         | 74.02   | 151         | 92.27    | *           | 112.66  | 195         | 97.39    | 194         | 63.45     | 131         |
| 1902   | ... | 83.84   | 204         | 86.94   | 158         | 106.09   | 161         | 99.78   | 189         | 105.04   | 177         | 55.81     | 103         |
| 1903   | ... | 97.64   | 191         | 70.65   | 158         | 61.31    | 146         | 134.30  | 197         | 92.14    | 151         | 62.69     | 119         |
| 1904   | ... | 84.42   | 159         | 71.72   | 137         | 87.28    | 161         | 140.81  | 203         | 100.49   | 163         | 58.67     | 115         |
| 1905   | ... | 76.21   | 164         | 75.94   | 166         | 87.12    | 188         | 120.12  | 188         | 61.21    | 146         | 64.41     | 139         |

\* Not recorded.

There is a marked increase in the number of cases of the under-mentioned diseases over last year, as hereunder shown :

|                   |     |     |     |     |     |     |     | 1904. |     | 1905. |
|-------------------|-----|-----|-----|-----|-----|-----|-----|-------|-----|-------|
| Beri-beri         | ... | ... | ... | ... | ... | ... | ... | 219   | ... | 401   |
| Dysentery         | ... | ... | ... | ... | ... | ... | ... | 129   | ... | 305   |
| Phthisis          | ... | ... | ... | ... | ... | ... | ... | 71    | ... | 136   |
| Venereal diseases | ... | ... | ... | ... | ... | ... | ... | 81    | ... | 153   |

This is due chiefly to the opening of a new hospital at Kuantan and to the increase of the population at Bentong and Kuantan.

The number of beri-beri cases treated in the State hospitals only for the past five years is :

| Year. |     |     | Total treated, |     |     |     | Total deaths, |    |     | Percentage of deaths. |       |
|-------|-----|-----|----------------|-----|-----|-----|---------------|----|-----|-----------------------|-------|
| 1901  | ... | ... | ...            | 245 | ... | ... | ...           | 52 | ... | ...                   | 21.22 |
| 1902  | ... | ... | ...            | 144 | ... | ... | ...           | 44 | ... | ...                   | 30.55 |
| 1903  | ... | ... | ...            | 157 | ... | ... | ...           | 35 | ... | ...                   | 22.29 |
| 1904  | ... | ... | ...            | 219 | ... | ... | ...           | 37 | ... | ...                   | 16.89 |
| 1905  | ... | ... | ...            | 401 | ... | ... | ...           | 67 | ... | ...                   | 16.70 |

#### SANITATION.

Jungle was cleared around several houses in Kuala Lipis in the course of the year, while at Raub and Bentong clearing was also undertaken and in many instances mosquitoes considerably lessened thereby.

The water supply of Kuala Lipis still remains in the same condition reported on by my predecessor, it is to be hoped that before removing the capital of the State to another location steps will be taken to ascertain the nature of the water supply of the site decided upon.

Several cases of typhoid and dysentery were reported in the town during the year. The death returns show that in the district of Lipis 74 cases of dysentery, with 23 deaths, occurred ; of these, 32 cases with two deaths were treated in the hospital ; while five cases of typhoid with one death (a Government servant), were also treated in Kuala Lipis hospital—all these were probably due to an infected water supply.

#### VACCINATION.

Vaccinations were performed as under during the year ; the percentage of failures is unduly high and is largely due, I consider, to the inexperience and inability of the vaccinators ; though in some instances, notably at Rompin where on one occasion out of 114 vaccinations all proved failures, it is doubtless due to imperfect lymph :

| District.    |     |     | Number vaccinated. |          |         |         | Total. | Result.  |           |         |           | Total. |
|--------------|-----|-----|--------------------|----------|---------|---------|--------|----------|-----------|---------|-----------|--------|
|              |     |     | Eurasians.         | Chinese. | Malays. | Tamils. |        | Perfect. | Modified. | Failed. | Not seen. |        |
| Upper Pahang | ... | ... | 3                  | 3        | 1,163   | 2       | 1,171  | 485      | 155       | 210     | 321       | 1,171  |
| Lower Pahang | ... | ... | ...                | 14       | 1,317   | 8       | 1,339  | 272      | ...       | 390     | 677       | 1,339  |
| Total        | ... | ... | 3                  | 17       | 2,480   | 10      | 2,510  | 757      | 155       | 600     | 998       | 2,510  |

## VETERINARY.

FOOT-AND-MOUTH DISEASE broke out in January at Benta and continued during February and March ; in the Kuala Lipis mukim 22 bullocks and 69 buffaloes were affected, two of the former animals died ; during the same months the disease was prevalent in Raub, Tras and Bentong, the cases occurring as under :

|             |     |     |     | Bullocks. |     | Buffaloes. |     | Deaths. |
|-------------|-----|-----|-----|-----------|-----|------------|-----|---------|
| Raub ...    | ... | ... | ... | 96*       | ... | 9          | ... | 3*      |
| Tras ...    | ... | ... | ... | 13        |     |            |     |         |
| Bentong     | ... | ... | ... | 16        |     |            |     |         |
| Kuala Lipis | ... | ... | ... | 22        | ... | 69         | ... | 2       |

RINDERPEST.—Two cases among bullocks occurred during the year, of which one died.

RABIES.—During my absence from Kuala Lipis on inspection duty in September, it was reported that rabies had broken out in this town. During the panic that ensued on this supposition some 16 dogs were shot. The disease proved to be distemper, two only of the affected animals dying and these probably from neglect. Six animals were kept under observation at the hospital, all of these recovered. Another report from Bentong in October that rabies had appeared there likewise proved to be false.

From the above it will be seen that the services of a Veterinary Inspector are urgently required, the entire work at present falling on the State and District Surgeons.

W. H. FRY,  
*State Surgeon.*